AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning on page 5, line 22, with the following:

It would be advantageous if actual frequencies of the reference and sleep clocks, as well as the frequency drift of the sleep clock, could be used as data to reduce the resynchronization time.

Please replace the paragraph beginning on page 6, line 2, with the following:

Accordingly, a flexible method is provided for the mobile station receiver to maintain accurate system time information by using the low frequency sleep clock. This invention presents a control system that combines hardware and software approaches to maximize[[s]] the sleep time in a slotted mode sleep interval.

Please replace the paragraph beginning on page 6, line 17, with the following:

The controller determines the ratio of the reference clock frequency to the sleep clock frequency, which for simplicity is referred to herein as the ratio. The controller determines the number of sleep clock periods the reference clock is to be disabled by multiplying the sleep interval, times the nominal reference clock frequency, divided by the ratio. After enabling the reference clock, the controller advances the system timing by finding the product of the number of sleep clock periods times the ratio.

Please replace the paragraph beginning on page 12, line 20, with the following:

Obviously, the key of the calibration is to make the ratio $R = f_{ref}'/f_{sleep}'$ as accurate as possible. This makes $N_{ref\_clk\_adj}$, which is ultimately converted into adjusted PN sequence states, accurately enough such that the re-acquisition requires a relatively short searching time by requiring a smaller research window.

Please replace the paragraph beginning on page 14, line 20, with the following:

1.   A initial calibration is performed with a sufficiently long period to remove most of the quantization error. Typically, the calibration system 200 is used to find the averaged ratio. Then, the averaged ratio is used as the initial value of R. The controller 106 calculates N_{sleep_clk}, and N_{sleep_clk} which is used to determine the reference clock turn-off time for the sleep interval.